



# PUBLIC NOTICE

**File Number: NR15MS.012**

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Pursuant to Chapter 0400-40-07 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Mr. Charles Tipton, Superintendent  
Jefferson County Highway Department  
P. O. Box 247  
Dandridge, TN 37725

**LOCATION:** Jefferson County Highway Department  
P. O. Box 247  
Dandridge, TN  
Latitude: 36.0123, Longitude: -83.4452

**PROJECT DESCRIPTION/PURPOSE:** Jefferson County Highway Department has applied for an Individual Aquatic Resource Alteration Permit to plug the sinkholes in Goose Creek and for long term restoration of stream flow. The proposed alterations are associated with the Jefferson County Quarry, NPDES Permit #TN0063347.

The Jefferson County Highway Department notified the Division in July 2015, that sinkholes had developed in Goose Creek and were conveying stream flow into the Jefferson County Quarry. On August 19, 2015, the Jefferson County Highway Department received authorization, under ARAP NR15MS.008, to implement emergency stream remediation measures. The emergency stream remediation measures were implemented pending the development of a plan to plug the sinkholes and for long term restoration of the stream flow.

The project site has been evaluated and the supporting plans developed to avoid and/or minimize any new impacts to waters. The proposed activity will not alter the existing stream dimensions. After consideration of alternatives the Jefferson County Highway Department has proposed activities to mitigate flow loss that occurs because of the development of sinkholes in the stream due to the karst geology. The proposal also includes monitoring of the affected stream reach to identify and repair any new sinkholes that occur in Goose Creek.

The proposed activities are projected to result in only minimal alteration of the waters which are addressed in the submitted plans.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the Division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED/WATERBODY DESCRIPTION:** Goose Creek is in the Lower French Broad River watershed (HUC 06010107).

**Stream Name/ID #:** Goose Creek/TN006010107029T – 0200

**Impacts:** Sinkhole repair, restoration and enhancement

**Ecoregion:** Southern Limestone/Dolomite Valleys and Low Rolling Hills ecoregion 67F

**PERMIT COORDINATOR:** Dan Murray

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the Division will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The Division shall consider practicable alternatives to the alteration. The Division shall also consider loss of waters or habitat, diminishment of biological diversity, cumulative or secondary impacts to the water resource and adverse impact to unique, high quality or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty (30) days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the Division's address listed below and to the attention of the permit coordinator. You may also comment via email to [water.permits@tn.gov](mailto:water.permits@tn.gov).

**PUBLIC HEARING:** Interested persons may request in writing that the Division hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that a hearing is warranted and the water quality issues being raised. When there is sufficient public interest in water quality issues, the Division will hold a public hearing. Send all public hearing requests to the Division's address listed below and to the attention of the permit coordinator.

**APPEAL:** Please be advised that a petition for permit appeal may be filed, pursuant to *T.C.A. Section 69-3-105, subsection (i)* and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within Thirty (30) days after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas. A copy of the filing should also be sent to TDEC's Office of General Counsel. The mailing addresses follow:

Tisha Calabrese Benton  
Acting Technical Secretary  
Board of Water Quality, Oil and Gas  
William R. Snodgrass TN Tower  
312 Rosa L. Parks Avenue, 12<sup>th</sup> Floor  
Nashville, TN 37243-1102

Mr. E. Joseph Sanders, Chief Counsel  
Office of General Counsel  
William R. Snodgrass TN Tower  
312 Rosa L. Parks Avenue, 2<sup>nd</sup> Floor  
Nashville, TN 37243-1102

Any hearing will be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available for review on the internet at the department's data viewer at <http://tn.gov/environment/article/wr-water-resources-data-viewer>. The file may also be viewed in person at the department's address (listed below) for review and/or copying.

Kara Blevins (865-594-5460)  
Tennessee Department of Environment & Conservation  
Division of Water Resources  
Mining Section  
3711 Middlebrook Pike  
Knoxville, TN 37921-6538

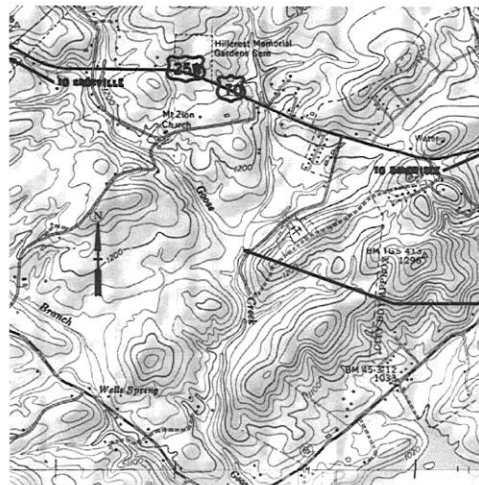
SEP 17 2015

# JEFFERSON COUNTY HIGHWAY DEPARTMENT SINKHOLE REMEDIATION CONSTRUCTION PLANS

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JEFFERSON COUNTY, TENNESSEE  
FOR CURRENT AND FUTURE SINKHOLE REPAIRS



LOCATION MAP  
1" = 1000'

PROJECT NUMBER 51550-23  
2015

**Vaughn & Melton**  
Consulting Engineers, Inc.

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